

3-004.11 SALINAS VALLEY - ATASCADERO AREA

Basin Boundaries

Summary

The Atascadero groundwater subbasin is a northwest-southeast trending part of the Salinas Valley groundwater basin located near the City of Atascadero. The subbasin is separated from the Paso Robles subbasin by the Rinconada Fault on the east and follows the boundary of the the consolidated formations of the Santa Lucia Range on the west. The basin boundary is defined by eight (8) segments detailed in the descriptions below.

Segment Descriptions

<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	I Fault	Begins at point (1) and generally follows the Rinconada Fault to point (2).	{a}
2-3	E Fault	Continues from point (2) and follows the Rinconada Fault to point (3).	{a}
3-4	I Fault	Continues from point (3) and follows the Rinconada Fault to point (4).	{a}
4-5	E Fault	Continues from point (4) and follows the Rinconada Fault to point (5).	{a}
5-1	E Alluvial	Continues from point (5) and follows the boundary of Quaternary alluvial deposits with consolidated rocks of the Santa Lucia Range and ends at point (1).	{a}
6-6	E Alluvial	Begins at point (6) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (6).	{b}
7-7	E Alluvial	Begins at point (7) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (7).	{a}
8-8	E Alluvial	Begins at point (8) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (8).	{b}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	35.626637392	-120.704357554	
2	35.561893357	-120.664034822	
3	35.510693547	-120.634394877	
4	35.48142883	-120.624258334	
5	35.42536658	-120.596026487	
6	35.60468474	-120.709939397	
7	35.543730791	-120.705966638	
8	35.536923677	-120.712856243	

Map

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<http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=3-04.11>

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Atlas of California Map No. 018, San Luis Obispo Sheet, , 1:250,000, Charles W. Jennings. URL: http://www.quake.ca.gov/gmaps/GAM/sanluisobispo/sanluisobispo.html	1958	24
{b}	Unknown/other/new	varies	46

Footnotes
I: Internal
E: External